S
625.704
H3Se
Dec. 4, 1978

Montana State Library
3 0864 1006 6439 3

MONTANA HIGHWAY DEPARTMENT

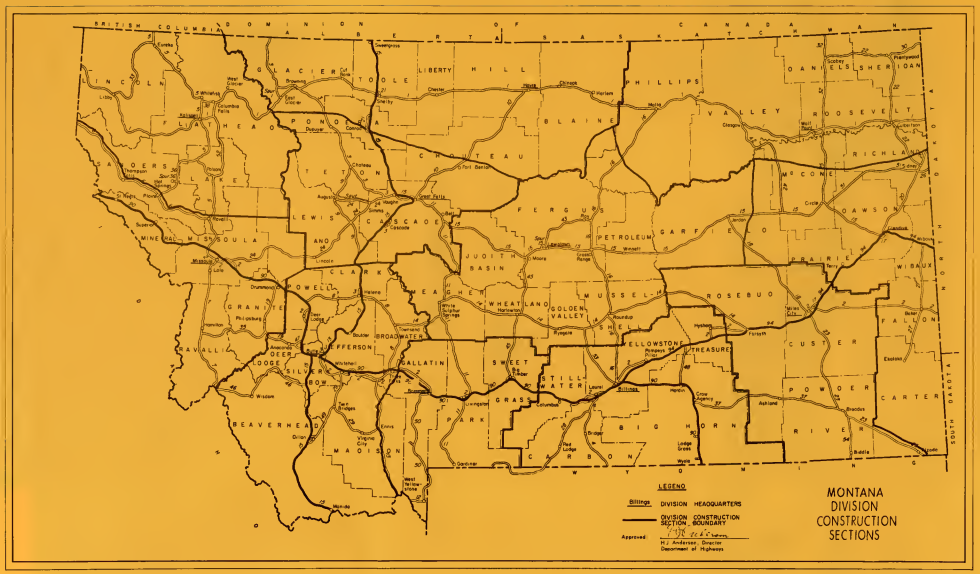
PLEASE RETURN
DOCUMENTS COLLECTION
DEC 1978
MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

DECEMBER 4, 1978


BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA SASKATCHEWAN
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PONDERA
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
RICHLAND
MCCONE
DAWSON
GARFIELD
PETROLEUM
FERGUS
CHOUTEAU
TETON
LAKE
SANDERS
LEWIS AND CLARK
CASCADE
JUDITH BASIN
MINERAL
MISSOULA
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
PRAIRIE
WIBAUX
GRANITE
BROADWATER
JEFFERSON
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
FALLON
RAVALLI
DEER LODGE
SILVER BOW
BEAVERHEAD
MADISON
PARK
GRASS
CARBON
BIG HORN
POWDER RIVER
CARTER
WYOMING
NORTH DAKOTA
SOUTH DAKOTA
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved:
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

DECEMBER 1, 1978

Montana Department of Highways
Helena, Montana 59601

Progress Report

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending December 1, 1978.

G E N E R A L

Skies have been mostly cloudy with some snow falling during the past period. Most projects have shut down for the winter.

P R E C O N S T R U C T I O N

F 6-1(5), Thompson Falls - East
Length - 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 7-1(9), Darby - North & South
Length - 17 Miles
Work will be started when personnel are available.

Personnel Unassigned

FF 7-1(11), Florence - Lolo, Add 2 Lanes
Personnel on other projects.
No work on this design this period. Working on utilities. Design remains 29% complete.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

F 197(8), Dixon - Ravalli
Length - 8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 269-1(01), State Route 269, Stevensville
Length - 0.8 Miles
Work this past period consisted of work on grades, sidewalks, and templating. Design is 39% complete. Personnel on other assignments.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

CONSTRUCTION

I 90-1(80)U-2, Lookout Pass - Saltese
Median Rail Removal
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

The contractor has been stripping deck forms @ Stas. 273 & 105 and doing general clean up work. Construction layout is 100% complete; 123% of the contract time has elapsed; and the contract is 95% complete.

I 90-1(78)11, Saltese - DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable Completion Date - June 1979
Effective Opening Date - 11/29/78

Peter Kiewit Sons' Co. has suspended work on this project for the winter, 2 men working 5-8 hr. shifts per week removing signs and barricades. Traffic returned to 4-lane this date from Saltese to Henderson M.P. 11 to M.P. 21 E.B. Lane is not striped but special signs advising such are in place. Major items include: Plant Mix Bitum. Surf. is 96% complete and Portland Cement is 99% complete. A 3 man engineering crew is in the office checking final quantities. Construction layout is 85% complete; 72% of the contract time has elapsed; and the contract is 90% complete.

I 90-1(77)22, U-4, Drexel East & West
Construction Dual 122.5 Ft. Concrete
Girder Overpass (Drexel Interchange)
Contract Let - June 27, 1977
Work Proceed Date - July 18, 1977
Work Started - July 18, 1977
Amount of Contract - $403,433.16

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 150 Working Days
Completion Date - July 19, 1978
Effective Opening Date - _____

Final estimate will be submitted to the Division Office about December 1, 1978.

I 90-1(77)22, U-5, Drexel East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed Date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 200 Working Days
Completion Date - July 31, 1978
Effective Opening Date - _____

Final acceptance was made on November 29, 1978. The final estimate will be submitted to the Division Office about March 1, 1979.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Construction & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 175 Working Days
Probable Completion Date - June 1979
Effective Opening Date - _____

The contractor has been installing rail on the structures at Sta. 169 and minor cleanup throughout the project. Progress has been slow due to unfavorable weather conditions. The project as a whole is 77% complete with 90% of the contract time elapsed.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date - _____

The contractor has approximately 7 men employed working 5-8 hr. shifts per week, working on the cut at 157+ that is being handled under E.W.O. #2. The project is 44% complete; with 39% of the contract time elapsed and is now on a winter shut down. One five man survey crew is working 5-8 hr. shifts per week.

I-IG 90-1(61)27, U-1, St. Regis - East & West
Length - 151 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder Bridge over St. Regis River
Contract Let - March 31, 1977
Amount of Contract - $1,007,222.56
Work Proceed Date - April 26, 1977
Work Started - April 26, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 250 Working Days
Completion Date - October 27, 1978
Effective Opening Date - _____

Work on the final estimate quantities is underway in the field office.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete Girder Bridge over St. Regis River
78.0 Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Started - July 19, 1978
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 160 Working Days
Probable Completion Time - Nov. 1979
Effective Opening Date - _____

Sta. 526-The contractor has placed concrete for the Abut. #3 wall and wing walls and is backfilling at Abut. #3.
Sta. 672-The contractor has placed concrete for the wall, cap & wing wall of Abut. #1 EB and is forming Abut. #4 WB. Construction layout is 90% complete; 59% of the contract time has elapsed; and the contract is 45% complete.

I-IG 90-1(61)27, U-3, St. Regis-East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges

George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 240 Working Days

Project is scheduled for letting in December 1978.

I 90-1(59)35, St. Regis - East
Length - 3.6 Miles, GR-Agg. Surf.-PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Jan. 1979
Effective Opening Date - Sept. 18, 1978

There has been little work performed on the project during the past two weeks. One man worked on miscellaneous clearing last week. Western Sign Corporation plans to start installing the changeable message sign next week. The project as a whole is 99% complete with 87% of the contract time elapsed.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Contract Let - August 24, 1978
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started -_____

Northwest Construction, Inc.
Kirkland, Washington, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 150 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date - _____

Work has not started on this project to date. Five man engineering crew is assigned to project referencing points, running lines, etc. Contract is 0% complete with 23% of the contract time elapsed.

I-IG 90-1(67)64, U-1, Tarkio-East
867 Ft. Composite Steel &
Concrete Girder Bridge

Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 280 Working Days

Project is scheduled for letting in December 1978.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

The contractor has had 46 men employed on the project. Crushing and placing 1½" gravel has been completed. Signs have been placed at the west end of the project for the detour. The contractor finished work for the winter on November 29th and is moving equipment from the project. Excavation Unclass. is 100% complete; Borrow 93%; Base Course 3" 100%; Base Course 1½"76%; Plant Mix Surf. 23%. Construction layout is 80% complete. The project as a whole is 71% complete with 78% of the contract time elapsed.

I 90-3(45)144, Safety Guardrail Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00
Work Proceed Date - August 28, 1978
Work Started - November 9, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - 30 Working Days
Effective Opening Date - NA

There has been no further work done on this project since last report. May be shut down for winter. Construction layout is 100% complete; 10% of the contract time has elapsed; and the contract is 5% complete.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - _____

Frontier-West, Inc.
Missoula, Montana, Contractor
Allan Dutton, Field Project Manager
Lolo Hot Springs, Montana
Contract Time - 150 Working Days
Probable Completion Date - Nov. 1979

No work has started on the project. A five man engineering crew started staking the detours on November 28, 1978.

FF 7-2(4)90, U-1, Missoula
Furnishing Signal Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract Let - May 25, 1978
Work Started - October 23, 1978

Skinner Enterprises
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - October 31, 1978

There has been no change since the last report. 40% of the material is in storage at Missoula, and we have not received any word as to his probable completion. The contract is 40% complete and 100% of the contract time has elapsed.

F 41-1(4)20, Helmville
Plant Mix Paving
Length - 7.8 Miles

Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 75 Working Days

Project is scheduled for letting in December 1978.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Mile
Grading, Agg. Surf., P.M. Surf
Seal, Cover & Signing

James Williams, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time - 70 Working Days

Project is scheduled for letting December 14, 1978.

F 93-1(1)0, U-2, Lolo Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Lolo Hot Springs, Montana
Contract Time - 120 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

For the past two weeks the crusher has been unable to crush out 3/4" plant mix Agg. Grade B for stockpile due to bad snow conditions. Western Signs are temporarily shut down as for resetting guardrail due to icy and snow packed roads, also Mark Rite Lines is unable to stripe road until snow melts off pavement. An 8 man engineering crew has been in the office working on final estimate.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass Over C.M. St. P. & P. Railroad Approaches & Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977
Work Started - July 6, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 105 Working Days
Probable Completion Date - May 1979
Effective Opening Date - _____

All work on this project, with the exception of repair of fence and seeding is 100% complete. 99% of the construction layout is complete; 91% of the contract time has elapsed; and the contract as a whole is 99% complete.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete Girder Bridge
Contract Let - October 27, 1977
Amount of Contract - $635,990.40
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 200 Working Days
Completion Date - October 6, 1978
Effective Opening Date - _____

The engineering crew is engaged on other projects. The final estimate will be submitted to the Division Office about March 15, 1979.

RS-DP 224(14), U-4, Rerserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete Paving and Traffic Control
Contract Let - February 23, 1978
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 24, 1978

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date - June 1979
Effective Opening Date - _____

At this time the contractor has a total of 5 men employed on the project. Plant Mix Bit. Surf was placed from 14+30 to 25+50 on Mullan Road. Work is progressing on the signal system with pull boxes being installed and the signal poles being erected. Due to the weather, all other work has ceased on the project. At the present time there are 4 employees in the office on notes and computations, 1 man on general inspection and the balance of the personnel on survey crews staking for guardrail, staking for signing and remeasuring. Also one man is on inspection of the electrical installation. Embankment is about 98% complete; 3" C.B.C. is about 77% complete; 1½" C.B.C. is 100% complete; 3/4" C.T.S. is about 89% complete; Pl. Mix Bit. Surf. Gr. "B" is about 75% complete and class "D" concrete is about 98% complete. The construction layout is 85% complete; the contract as a whole is 68% complete; and contract time elapsed is 71% complete.

RS 343(12) Avon - Helmville
Length - 5.1 Miles - G-Agg., Surf.-PMB Widen and Guardrail Revision
Contract Let - May 27, 1976
Amount of Contract - $1,158,747.12
Work Proceed Date - June 18, 1976
Work Started - July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 150 Working Days
Completion Date - July 27, 1977
Effective Opening Date - NA

Final estimate has been returned to the field for additional work.

RRP 4139(55)
Pavement Markings on various R.R. Highway Crossings
Contract Let - May 25, 1978
Amount of Contract - $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date - October 27, 1978

Final quantities submitted to Helena November 20, 1978.

PMS 4140(52), U-8 & U-11, Lake, Sanders & Missoula Counties
Pavement Markings on various intersections
Contract Let - February 23, 1978
Amount of Contract - $239,586.51
Work Proceed Date - April 21, 1978
Work Started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - June 1979
Effective Opening Date - NA

The contractor was shut down October 14, 1978 due to inclement weather. The contract as a whole is 59% complete with 56% of the contract time elapsed. Construction layout is 75% complete with 3 engineers engaged.

M 8103(2), U-1, Securement of Equipment
Contract Let - March 30, 1978
Amount of Contract - $23,198.00
Work Started - July 31, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Contract Time - August 1, 1978

All the material is here now. As soon as the contractor sends someone to help inventory the material, we will present a semi-final estimate. 100% of the contract time has elapsed and the contract is 100% complete.

M 8103(2), U-2, South Ave. & Reserve St.
Traffic Signals & Lighting
Contract Let - September 28, 1978
Amount of Contract - $89,992.60
Work Proceed Date - October 25, 1978
Work Started - November 2, 1978

Long Construction Company, Inc.
Missoula, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 40 Working Days
Completion Date - _____

The contractor started to work on November 2, 1978 but had to shut down November 14, 1978 due to inclement weather. Street exc. is 75% complete; curb and gutter is 40% complete; drainage is 75% complete; with project as a whole being 10% complete.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Miles, Lighting & Overhead Monitor.
Contract Let - August 25, 1976
Amount of Contract - $85,663.22
Work Proceed Date - September 20, 1976
Work Started - March 11, 1977

Midland Electric Company
Billings, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - July 25, 1978
Effective Opening Date - NA

There has been no work on the project.

M 8117(1), Intersection of Higgins & South
Installation of traffic signals, Intersection Improvements & Landscaping

Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 45 Working Days

The project will be let in December 1978.

M 8199(6), U-1, CBD Signal Update
Replacing Signal Controllers
Project Let - February 23, 1978
Amount of Contract - $32,341.00
Work Proceed - April 21, 1978
Work Started - November 6, 1978

Allen Electric Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 15 Working Days
Probable Completion Date - Nov. 30, 1979
Effective Opening Date - NA

The contractor has installed 6 of 7 planned controllers at the various intersections in Missoula. The controller at the intersection of Higgins & Broadway is a Type 27 controller and has not been installed. The foundation is poured and the contractor is awaiting the arrival of the pedestal. The contract as a whole is 78% complete. Construction layout is 100% complete.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

RECEIVED
DEC 1 1978
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

DECEMBER 1, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending December 1, 1978.

G E N E R A L

Progress has been mostly fair. Weather was mostly clear the first of the period and cold later. Day time temperatures ranged from 5° to 48° with night temperatures from -2° to 32°. Highways are in fair winter driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

The survey was completed and design started on the Lion Springs and Elk Hill alignments. A location survey of the section between these alignments will be made when personnel are available, sometime this winter. Forty eight man days have been used to date on design, which is approximately 7% complete.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Survey Authorized - November 1, 1977
Work Not Started

Personnel Unassigned

This survey will be performed when personnel are available.

F-38-1(03) Columbia Falls East & West
RS 486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 30, 1979

F-38-1(03)

There has been no work on design the past period. Final design will be completed after the storm drain design is received from the Hydraulics Unit. 360 man days have been used to date on design, which is approximately 70% complete. A four man survey crew worked eight days this past period on centerline and right of way for the Right of Way Department.

RS-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3)148 & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for February 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

The U.S. Forest Service clearing contractor worked eight days this past period. No State personnel are assigned at the present time due to other assignments.

Utilities

Montana Power - No work this past period. Relocation reamins 60% complete.
Northwestern Telephone Systems, Inc.- 100% complete.
Mountain States Telephone - 100% complete.
Flathead Electric Co-op - 90% complete. Completion contingent upon right of way settlement of two parcels.
Burlington Northern Railroad - 98% complete. Burlington Northern has not transposed the lines on each side of the project and it is not known at this time what their work schdule will be this fall.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse - Coram Section
Scheduled for March 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

A four member survey crew worked eight days this past period on centerline and right of way.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. 157 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. The County Commissioners have indicated that they are going to review secondary priorities for Flathead County which may alter the status of the project. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authrozed - July 5, 1977
Work Started - Sept. 19, 1977
Survey Suspended - April 14, 1978
Survey Resumed - October 2, 1978

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Jan. 1, 1979

No work this past reporting period. Personnel assigned to other projects. Survey remains approximately 72% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Est. Comp. Date - Pending

A four member survey crew spent eight days the past reporting period running center line. Field work is approximately 20% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 296-4741
Est. Comp. Date - April 1979

Progress has been fair. A five to six man survey crew has been working on cross sections from Sta. 210 to 230 and 454 to 457. One man in the office working on the hard shell as time permits. A total of 1192 man days have been used making the location survey approximately 34% complete.

F-1-2(7)142 Flathead River Bridge
Length - 1.2 Miles
Survey Authorized - Sept. 27, 1978
Sruvey Started - Oct. 16, 1978

Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Prob. Comp. Date - Pending

No work this past reporting period. Personnel assigned to other projects. Survey remains approximately 1% complete.

F-1-2(8)81 Inters. U.S. 2 & FAS-556
Shoulder Erosion Correction
Length - 1.4 Miles
Scheduled for Dec. 14, 1978 Letting

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741

Construction plans and Special Provisions were received September 26. Staking authorization was received, dated August 9, 1978. Personnel will be assigned when available.

- - 206-1( )6 Half Moon-South
Length - 5.0 Miles
Scheduled for March 29, 1979 Letting

Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006

Northwestern Telephone began their utility relocation November 1, 1978. After 1½ shifts it was determined by the company that a sustained operation could not be done due to the condemnation parcels which break up the project into small "piece meal" type of work. No other work is planned unitl spring when condemnations are settled and frost is gone so cable plowing can be accomplished. Flathead Electric Co-op and Burlington Northern Inc. have been authorized to proceed but no word as yet on when they plan to start utility relocation.

RS-212-1(1) Charlo North & South
Length - 12.6 Miles - P.M. Overlay
Design Started - August 9, 1978
Design Completed - October 27, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Prob. Comp. Date - Dec. 31, 1978

Field work on gravel pit ties has been completed. Reclamation plans for the two proposed gravel sources remain to be done.

RS-325(2) Libby-Southeast
Length - 3.5 Miles
Survey Authorized - Dec. 6, 1974
Survey Started - Jan. 6, 1975
Survey Suspended - Jan. 17, 1975

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

This survey will be resumed when personnel are available. It presently is approximately 3% complete.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

M6799(3) Kalispell Urban System Signing
Length - N/A
Design Started - October 19, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Jan. 15, 1978

Plan sheets have been completed, and design personnel are presently preparing summary sheets of signing quantities. A Plan-In-Hand is scheduled for December 13 and 14 with representatives from the Traffic Unit and the City of Kalispell to be present.

C O N S T R U C T I O N

F000 B (1) Erosion Control
Kalispell Division
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $31,237.90
Proceed Order - April 5, 1978
Work Started - April 17, 1978

Lemm Landscaping
Lolo, Montana
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 25 Working Days
Project Completed - May 4, 1978
Effective Opening Date - N/A

The final was submitted to the Division office on November 17, 1978. Final will be checked as time permits and should be forwarded to Helena about December 22, 1978.

HHS 000S (62) U.S. 93
No Passing Pennants
Length - 273 Miles(Incl. Msla. & Kal. Div.)
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $42,297.60
Proceed Order - August 28, 1978 (S.P. 4B)
Work Started - October 31, 1978

Western Sign Corp.
Great Falls, Montana 59403
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 30 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Progress has been poor due to weather conditions. Contractor worked 2 - 9 hour shifts employing five men installing signs in Flathead and Lake counties. One State inspector assigned as needed. Construction layout is approximately 92% complete. Contract as a whole is approximately 38% complete with 50% of contract time elapsed.

HHS-1-2(2(121 Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Company
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Project Completed - July 20, 1978
Effective Opening Date - N/A

One to two men have been working on the final as time permits between other projects. The final should be submitted to the division office about December 31, 1978.

HHS-5-2(1)91 Rollins North (Safety) Guard Rail & Flashers
Length - 1,000 Feet
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $58,343.00
Proceed Order - August 28, 1978
Work Started - August 25, 1978

Sandon Construction Company
Kalispell, Montana 59901
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 20 Working Days
Prob. Comp. Date - Dec. 15, 1978
Effective Opening Date - N/A

There has been no work by contractor during the last reporting period as he is still waiting for some of the flasher material. Construction layout is approximately 95% complete. Contract is approximately 80% complete with 35% of the contract time elapsed.

F-41-1(2)0 Avon to Mont. 200 & F-83-1(1)0 Clearwater Jct.-Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Work Started - October 16, 1978

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 60 Working Days
Prob. Comp. Date - Dec. 15, 1978
Effective Opening Date - N/A

There has been no progress by the contractor during the last reporting period due to weather conditions. Construction layout is approximately 90% complete. The contract as a whole is approximately 15% complete with 32% of contract time ealpsed.

ERFO 72(2) U2 3 Miles E. of West Glacier Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $110,830.00
Proceed Order - April 21, 1978
Work Started - April 18, 1978

Clark Brothers Contractors
Victor, Montana 59875
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 50 Working Days
Project Completed - June 15, 1978
Effective Opening Date - N/A

The final was submitted to the division office on November 13, 1978. Final is presently being checked and should be forwarded to Helena about December 15, 1978.

F-83-2(1)65 Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Kim's Trailer Court, Rollins, MT 59931
Phone: 844-3931
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work by the contractor the past period. The foot bridges are complete with the exception of deck treatment and cleanup. No personnel assigned at present. The project as a whole is approximately 11% complete.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Prob. Comp. Date - June 15, 1979
Effective Opening Date - Sept. 22, 1978

No work this past period. The contractor has suspended work until spring. The project as a whole is 91% complete with 85% of the contract time elapsed. One to two engineering personnel are working on notes, when time permits. Construction layout remains 95% complete.

RRP 4139(55) Statewide Federal Aid Routes R.R. Crossings
Length - N/A
Contract Let - May 31, 1978
Contract Awarded - May 31, 1978
Contract Amount - $382,865.10
Proceed Order - June 21, 1978
Work Started in Kalispell Div. Sept. 19, 1978

Pacemaker Industries, Inc.
Spokane, Washington 99211
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Contractor completed the advance flashing beacon hookup on the Foy's Lake road crossing, making the project which involves statewide work 100% complete in the Kalispell division. One man will be working on notes when time permits.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1978 (Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - July 1, 1979
Effective Opening Date - N/A

PMS 4140(52) Unit 8 Kalispell Division (Cont'd)

No work this past period. Contractor is on suspend until next year. The Kalispell portion (Unit 8) of the project remains approximately 80% complete with 58% of the time elapsed, which includes Unit 11 in the Missoula division. Construction layout remains 97% complete. No state personnel are currently assigned due to other work.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $11,896.50
Proceed Order - August 28, 1978
Work Not Started

Harp Line Construction Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 15 Working Days
Prob. Comp. Date - Pending

Progress has been fair the past period with the contractor working three days with two men employed installing signs and assembling the flashers and service assembly in their shop. The project is approximately 8% complete with 0% of the contract time elapsed. One inspector is assigned to the project as required.

M6718(1) 11th St. & South Main
Signalization
Length - N/A
Contract Let - March 31, 1978
Contract Awarded - March 31, 1978
Contract Amount - $22,084.25
Proceed Order - April 21, 1978(See S.P. 1B)
Work Started - July 6, 1978

Harp Line Const. Co.
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 45 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

There has been no work on the project the past period as the contractor is awaiting the arrival of the controller. The project remains at approximately 25% complete with 18% of the contract time elapsed. One inspector is assigned to the project as required.

M6730(1) & RS-404(8) Kalispell South Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix
Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - October 7, 1976
Contract Amou-t - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Project Completed - August 11, 1978
Effective Opening Date - Sept. 19, 1977

Three men worked eleven man days the past two weeks compiling notes and final data. Estimated date of submittal to the division office is January 31, 1979.

M6714(3) Center St. & 1st Ave. E. Kalispell
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - March 1, 1979
Effective Opening Date - Oct. 4, 1978

No work for the past two weeks. The contractor completed cleanup and miscellaneous items by November 3, 1978 at which time an inspection was held with the City, State and contractors present. A few items were found and corrected immediately. A letter was then written to the City turning over all maintenance to them except for the remaining modified street lights to be installed on Center Street when materials arrive. The project is now 99% complete with 92% of the contract time elapsed. No personnel are currently assigned to the project due to other work loads.

Thomas J. Barnard

Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:NN:mjb

Department of Highways

Butte, Montana

November 30, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending November 28, 1978. The weather has been cold with some snow showers and temperatures ranging from -11° to +36°.

P R E C O N S T R U C T I O N

I 000B(2)U6
Divide N&S
Erosion Control
Design
13.852 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Probable Completion Date:
December 8, 1978

There was no work on this project during this period. A P.I.H. review of the project has been scheduled for December 1, 1978. Design work on the project is 62% complete.

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(11)41
Euclid Avenue Storm Drain
Design
Lewis & Clark County

S&A Engineers
Helena, Montana
Probable Completion Date:
May 25, 1979

Continuing to draft up survey information onto mylar plan & profile sheets along with design information. Picked up some additional survey information. Project as a whole is 29% complete.

S 34(4) Section 2
Jackson-North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

DP 280-1(1)
York Bridge & Approaches
Location Survey
1.03 Miles
Lewis & Clark County

Tangen Engineering
Helena, Montana
Probable Completion Date:
Undetermined

No work the past period.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

Stahly Engr. & Associates
Helena, Montana
Probable Completion Date:
Undetermined

Started Topographic Survey & Levels. Continuing centerline control staking and curve staking. Tied in section corners. Project as a whole is 30% complete.

M 0299(4)
Anaconda Urban Street
Location Survey
1.0 Miles
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on the project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
February 9, 1979

Design work on the project consisted of projecting centerline, from sta. 89+00 to Sta. 148+00, far enough to the right to avoid conflict with a 36" water line paralleling the road. The line has been projected and several preliminary grades have been laid. Preparations are now being made to extend cross sections, where needed, photogrammetricly & a new I.B.M. run is being coded to determine if the new alignment and grade are feasible from a earthwork point of view. A three man crew expended 13 man days for a total of 134 man days used to date. Preparing plan sheets, reducing notes

RS 393-1(2) Cont'd.
and plotting and inking cross sections are 68% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 48% complete. Designing drainage and irrigation structures, road approaches and incidentals are 8% complete, drafting of summaries and title sheet are 40% complete. Design work on projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 25% complete. Design work on the project as a whole is 28% complete.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
January 4, 1979

Design work on the project consisted of balancing the earthwork on the project and calculating culvert lengths, bedding, excavation, rip rap and ditch excavation based on Hydraulics Unit recommendations. A three man crew expended 5 man days for a total of 393 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking cross sections are 92% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 97% complete. Design of drainage and irrigation structures, road approaches and incidentals are 75% complete and making Plan-In-Hand changes are 20% complete. Design of the project as a whole is 77% complete.

M 1810(1)
Grand Ave.-Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
March 2, 1979

Need answer from Butte-Silver Bow to questions presented in Montana Dept. of Highways letter of August 17, 1978 concerning selection of street width, lighting and sidewalks. Project as a whole is 9% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave./16th Ave. Lawrence
Location and Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Montana
Probable Completion Date:
March 1, 1980

Commenced work on EIS (Progress Stopped on September 29, 1978). Survey work is in progress on M 5807(1). Survey 50% complete on this portion.

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Completion Date:
November 7, 1978
Effective Opening Date: 7/15/78

Final inspection and acceptance November 14, 1978. It is estimated that Final Data will be submitted to Helena April 20, 1979.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Robert T. Wilson, Manager
Field Project (Road)
East Helena, Mt. Tel. 227-6924
Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392
Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979
Effective Opening Date: 11/2/78

Road
Work the past period consisted of installing signs and tearing down old structures. The contractor employed 12 men for 7-8 hour shifts. Project as a whole is 95% complete with 74% of the contract time elapsed. Construction layout as a whole is 95% complete with 8 Engineers.
Bridge
Work on the bridge portion is complete and two (2) Inspectors engaged.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Started: September 7, 1978

S&S Construction
Helena, Montana
Gerald Ditto. Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
March 16, 1979
Effective Opening Date: N/A

No work the past period. Awaiting arrival of poles. Project as a whole is 15% complete with 40% of the contract time elapsed. Construction layout as a whole is 75% complete with 4 Engineers and no Inspectors engaged.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles

Meyer Const. Co.
Billings, Mt.

F 8-4(1)77 Unit 1 Cont'd.
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: October 4, 1978

Jack Erickson, E.T. 3
Townsend, Mt. Tel. 266-5571
Contract Time: 90 Working Days
Probable Completion Date:
April 6, 1979
Effective Opening Date:

No work the past period. Project as a whole is 75% complete with 94% of the contract time elapsed. Construction layout as a whole is 95% complete with 5 Engineers and 0 Inspectors engaged.

I IG 15-1(44)0 &
I IG 15-1(46)9 U1
Monida North & Lima South (South Section)
Add 2 Lane, Signing, and Structures
12.6 Miles
Beaverhead County
Contract Let: August 24, 1978
Bid Price: $6,673,310.83
Work Started: October 16, 1978

General Construction Co.
Butte, Montana
Irvin Broell, Manager
Field Project(Road)
Lima, Mt. Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 220 Working Days
Probable Completion Date:
November 16, 1979
Effective Opening Date:

Work the past period consisted of installing culverts and conducting grading operations. The contractor employed 12 men for 20-8 hour shifts. Project as a whole is 2% complete with 16% of the contract time elapsed. Construction layout as a whole is 20% complete with 4 Engineers and 3 Inspectors engaged.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 250 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana

I 15-3(26)140 Unti 1 Cont'd.
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: September 14, 1976

Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 150 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Inspection and Acceptance September 13, 1978. It is estimated that Final Data will be submitted to Helena on March 30, 1979.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started: May 3, 1978

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 130 Working Days
Completion Date: Nov. 17, 1978
Effective Opening Date: N/A

Final Inspection and Acceptance October 30, 1978. It is estimated that Final Data will be submitted to Helena on April 20, 1979.

F 19-1(7)7
Park Avenue-Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base., Pl. Mix Bit. Surfacing,
Seal & Cover, Lighting & Traffic
Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Not Started

Jim Gilman Excavating Inc.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 90 Working Days
Probable Completion Date:
August 17, 1979
Effective Opening Date:

Preconstruction Conference has not been held.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing and Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Construction Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Montana Tel. 227-5392
Contract Time: 240 Working Days
Completion Date:
September 1, 1978
Effective Opening Date: 9/9/77

Final Inspection and Acceptance is pending. It is estimated that Final Data will be sent to Helena on February 23, 1979.

RS 34(7)
Wisdom South
Grading. Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Clark Brother Contractors
Victor, Montana
Gordon Eckman, E.T.3
Lima, Mt. Tel. 276-3403
Contract Time: 175 Working Days
Completion Date:
July 19, 1978
Effective Opening Date: 10/26/77

Checking of Final Data is progressing in Division office. It is estimated that Final Data will be submitted to Helena on January 19, 1979.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf. Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,086.85
Work Started: October 30, 1978

Meyer Const. Co.
Billings, Montana
Frank T. Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 90 Working Days
Probable Completion Date:
April 27, 1979
Effective Opening Date:

Work the past period consisted of crushing gravel. The contractor employed 15 men for 5-8 hour shifts. Project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout as a whole is 5% complete with 2 Engineers and 1 Inspector engaged.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite and concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
May 31, 1979
Effective Opening Date: N/A

Structures at Sta. 153+05.70: Forming base deck and setting outside curb and deck slab forms Spans No. 1 and No. 2 E.B. Forming and diaphragm blocks and fillets over Bent No. 5 E.B. Setting guard angle over Bent No. 5 E.B. Forming deck slab sequence bulkheads Spans No. 1 thru No. 5 E.B. Cleaning up materials around E.B. structure. Structure Approaches: No work. Percentages complete for the items are as follows: Structures: Structure Excavation 97%; Reinforcing Steel 65%; Class AD Concrete 99%; All Piling 100%; Traffic Control 10%; Cost of Training Program 100%; Structural Steel 96%; Mobilization 100%; Class BD Concrete 49%; Bridge Drains 30%; Approaches: Topsoil Salvage and Stockpile 100%; Excavation-Unclassified Borrow 97%; Haul Borrow 97%; Compaction Roadbed 97%; Mobilization 100%. The contractor worked six (6) eight (8) hour shifts employing an average of six (6) men. The project as a whole is 84.4% complete with 80.4% of the contract time elapsed.

I IG 90-3(27)172 U2 & FF 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing and Lighting on 4.2 Miles
of Proj. I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const. Co.
Missoula, Mt.
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
October 13, 1979
Effective Opening Date:

Work the past period consisted of conducting grading operations and crushing gravel. The contractor employed 48 men for 5-8 hour shifts. Project as a whole is 67% complete with 55% of the contract time elapsed. Construction layout as a whole is 85% complete with 6 Engineers and 6 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East
& West (West Section)
Construction of a dual 692.5' Avg.
prestressed concrete girder bridge
(Over B.N.R.R.), a dual
131.5' prestressed concrete girder
Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: September 29, 1977
Bid Price: $1,922,459.45
Work Started: January 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
September 7, 1979
Effective Opening Date: N/A

Progress during the past period was fair. Work consisted of: Sta. 94+59.70 (E.B.)-splicing steel "H" pile together for Bt. No. 1. (W.B.)-leveling off Bt. No. 1 brg. pad areas. (E.&W.B.)- cleanup & leveling up the area in preparation for prebeam erection. Sta. 137+69.25 (E.B.)-placing concrete for Bt. No. 1 crossbeam; completing driving the test & service pile & placing concrete for the seal Pier No. 2. (W.B.)-hand dressing for base of Bt. No. 1 & No. 3 crossbeams. Percent complete for the items are as follows: Mobilization, 60%; Conc. Cl. AD, 91%; Struc. Excav.-Type I, 100%-Type II, 50%; Shoring & Cribs. 45%; Test Pile-Steel, 85%; Furn. & Drive Steel Brg. Pile, 92% & Reinf. Steel, 38%. The structures as a whole are 36% complete with 141 of the 250 working days used or 56% of the contract time elapsed. During the past period the Cont'r. (General Const. Co.) worked 5-8 hour shifts with 11-men employed, due to the holiday & inclement weather. Construction layout is 47% complete.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 Unit 1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties

Washington Const. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Mt. Tel. 792-1797

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Loren Matkin, Manager
Field Project (Bridge)
Garrison, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Completion Date:
October 13, 1978
Effective Opening Date: 9/18/78

Road
Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on April 6, 1979.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Fencing and
The construction of a 303.76' steel
Girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,178,181.56
Work Started: June 30, 1976

Max J. Kuney
Spokane, Washington
Claude J. Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Completion Date:
July 20, 1978

Preliminary checking of Final Data is suspended in the Division Office. It is estimated that Final Data will be submitted to Helena on February 16, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South
and Warm Springs North & South
Aggregate surfacing, Plant Mix
Surfacing and Signing
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Started: February 28, 1978

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Butte, Mt. Tel. 792-1797
Contract Time: 180 Working Days
Completion Date:
November 17, 1978
Effective Opening Date: 9/18/78

Final Inspection and Acceptance November 17, 1978. It is estimated that Final Data will be submitted to Helena on April 27, 1979.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,027,682.09
Work Not Started

McIntyre Const. Co.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 200 Working Days
Probable Completion Date:
October 26, 1979
Effective Opening Date:

Preconstruction Conference was held September 22, 1978.

RF 171(17) & RS 167(10)
Harrison North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977
Effective Opening Date: 11/16/76

Checking of Final Data by Division Office Personnel has been suspended awaiting notes from field office. It is estimated that Final Data will be sent to Helena on March 10, 1979.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1979
Effective Opening Date: 11/2/78

No work the past period. Project as a whole is 95% complete with 95% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 1 Inspector engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base.,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Completion Date:
November 8, 1978
Effective Opening Date: 5/19/78

M 0299(3) Cont'd.
Final Inspection and Acceptance August 10, 1978. It is estimated that Final Data will be submitted to Helena June 8, 1979.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete Girder Bridge and Grading, Agg. Surf., and Road Mix Surf. of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: November 4, 1977

McIntyre Const. Co. and S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Probable Completion Date: April 20, 1979
Effective Opening Date: 10/31/78

All items are 100% complete with the exception of seeding and road mix, which will be accomplished as weather permits. There is 94% of the contract time elapsed. There is 2 Engineers on this project.

No. 1487 State Project
Fencing - State Highway Complex
0.00 Miles
Lewis & Clark County
Contract Let: Sept. 28, 1978
Bid Price: $2,634.00
Work Started: November 7, 1978

Glenn Mininger Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 20 Working Days
Completion Date: 11/14/78
Effective Opening Date: N/A

Checking of Final Data is complete in Division Office. It is estimated that Final Data will be submitted to Helena on December 12, 1978.

M 1804(2)
West Park St. - Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Signing, Lighting & Traffic Signals
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Completion Date: April 26, 1978
Effective Opening Date: 8/15/77

Final Inspection and Acceptance June 29, 1978. It is estimated that Final Data will be submitted to Helena on February 16, 1979.

RRP 4139(55)
The installation of pavement marking, signing and guard rail on various railroad Highway Crossings on Federal Aid Routes
Statewide in Montana
Contract Let: May 25, 1978

Pacemaker Industries Inc.
Spokane, Washington
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days

RRP 4139(55) Cont'd.
Bid Price: $382,865.10
Work Started: July 31, 1978 (Butte Div.)

Completion Date: 10/24/78
Effective Opening Date: N/A

The Butte Division portion of this project is now complete. It is estimated that Final Data will be sent to Helena on December 15, 1978.

PMS 4140(52) Unit 3 & 4
Pavement Markings on Various Intersections
Gallatin, Park, Madison, Powell
Silver Bow and Lewis & Clark Counties
Contract Let: February 23, 1978
Bid Price: $130,637.02
Work Started: June 9, 1978

Robert L. Livesay
Great FAlls, Montana
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
September 16, 1978
Effective Opening Date: N/A

Final Inspection and Acceptance September 19, 1978. It is estimated that Final Data will be submitted to Helena on December 15, 1978.

M 5805(4)
Traffic Control Devices and Lighting
on Park Avenue, Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Not Started

Allen Electric Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Probable Completion Date:
April 6, 1979
Effective Opening Date: N/A

Preconstruction Conference was held September 19, 1978.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
December 1, 1978
Effective Opening Date: N/A

M 5816(3) Cont'd.
No work the past period. Project as a whole is 96% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 3 Engineers and 1 Inspector engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section

RBD/GBH/MJJ/cu

P.O. Box 1110
Bozeman, MT 59715

December 1, 1978

Progress Report
Division 2230

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending December 1, 1978. The day-time temperatures have ranged between -5 and 35 degrees. Bad weather conditions have hampered and at times stopped all construction and preconstruction operations.

PRECONSTRUCTION

F11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. South of Cameron - South
Length - 5.0 Miles

Engineer Uanssigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Design - Alpha Engineers, Inc.

A preliminary plan-in-hand inspection will be held on December 12, 1978.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, MT
Consulting Engineers
Probable Completion Date: May 1980

The consulting engineering firm was given authorization to begin the location survey and design on October 27, 1978.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 5-2-79

With the exception of the hydraulic survey of "Fairy Creek" at Station 149+30, the irrigation surveys, and the cross-section extensions requested on October 16, all field work has been completed.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-79

During the past period a five man survey crew completed cross-sectioning between Stations 258+00 and 280+00. Cross-sectioning of the location survey is now 90% complete and the survey as a whole is 49% complete. A total of 620 man days have been expended to date.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 1-31-79

This location survey will be resumed in the near future. At the present time the survey is 48% complete.

ROW I 90-6(26)315 — Engineer Unassigned
Bozeman Pass - East
Sand House

Plan-in-Hand inspection was held on October 25, 1978.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 932-3515 Big Timber
Length - 13.477 Miles

All requested work has been completed.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

The hydraulic survey data requested on August 7 will be obtained as men are available.

I 90-7(35)364 U-2 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (E. Sect.) — Phone: 932-3515 Big Timber
Length - 5.5 Miles
Grading & Str. at Sta. $580\pm$, $620\pm$, $680\pm$, $698\pm$.

All requested field work has been completed.

I 90-7(35)364 U-3 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (Mid. Sect.) — Phone: 932-3515 Big Timber
Gr. & Str. at Sta. $1829\pm$ & $1896\pm$
Length - 3.2 Miles

All requested field work has been completed.

I 90-7(35)364 U- — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (W. Sect.) — Phone: 932-3515 Big Timber
Length - 1.7 Miles

All work requested from the field has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area

All work requested from the field has been completed.

I 90-7(40)332 — William F. Nimmons, FPM
Snow Fence — Phone: 586-5074 Bozeman
Approx. Length - 5.0 Miles

All information requested from the field has been submitted to Helena.

I 90-7(41)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested work has been completed.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassinged

All requested work has been completed.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass
Right Turn Lane

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The cross-section extensions requested November 14 will be obtained in the near future.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Engineer Unassigned

A field Location Review was held on 9-13-78.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman
Estimated Completion: 1980

The COGO/HALO run has been completed by the Data Processing Bureau and the line projections are now being placed on the linens. A total of 78 man-days have been expended on the design of this project which is currently 7% complete.

RS 540-1(1)0
East River Road - Park Co.
Length - 23.0 Miles

Engineer Unassigned

An informational public hearing has been scheduled for the evening of December 7, 1978 at Emigrant.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 1.7 Miles
Design Started 5-2-77

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman

The field design of this project has been completed and all data was submitted to the checker in Helena on August 23, 1978. Utility field inspections were held on October 11 & 12, 1978.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The typical section recommended by the City of Bozeman has been accepted by the Highway Commission and the Federal Highway Administration.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

Work on this right-of-way survey has been completed and all data was submitted to Helena on October 30, 1978.

M 1212(1)
Kagy Lane-from Willson to Highland-BZN
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The typical section recommended by the City of Bozeman has been accepted by the Highway Commission and by the Federal Highway Administration.

M 1212(4)
Kagy, from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

The location survey has not been started to date.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The design of this project has been completed and the final plans have been approved by city officials and returned to Helena.

M 7404(1)
Front St., from Main to Cemetery-Liv.
Design
Approx. Length - 0.9 Mile

Morrison, Maierle, Inc.

The final plans were delivered to the city officials for their approval on April 12, 1978. On August 2, 1978 a letter was written by Livingston City Officials requesting various changes and these are now being incorporated into the project by the designer.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

A public hearing was held on August 23, 1978 and the design of this project remains 83% complete.

CONSTRUCTION

F 29-1(5)16
Virginia City Hill
Truck Escape Ramp
Contract Awarded: March 31, 1978
Contract Amount: $123,430.80
Proceed Order Date: 4-21-78
Work Started: 7-11-78

Rehbein Contracting, Inc.
Plains, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-2-78
Effective Opening Date: Not Opened

The Division Office checking of this final estimate and supporting data is now in progress.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Started: 7-25-78

Meyer Construction Company
Billings, MT
Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Completion Date: 10-31-78
Effective Opening Date: 10-9-78

The final estimate and supporting data was received in the Division Office on November 22, 1978 and Division Office checking is now in progress.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded: March 31, 1978
Contract Amount: $417,890.15
Proceed Order Date: April 21, 1978
Work Started: April 24, 1978

Frank Gurney, Inc.
Spokane, Washington
Harold G. Heath, Eng Tech 3
Phone: 587-4186 Bozeman
Contract Time: 60 Working Days
Completion Date: 10-20-78

One man has been working on the final estimate and supporting data and it is estimated that all information will be submitted to the Division Office by December 15, 1978.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Jerry R. Branum, FPM - Structures
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 7-1-79
Effective Opening Date:

Only minor work has been performed on this project during the past period. Work consisted of hanging guardrail, installing blocks and tightening bolts. A seventeen man engineering crew is assigned to this project which is 94% complete with 89% of the contract time elapsed. The contractor has 38 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concrete
Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Co.
Cardwell, MT
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date: 4-30-79
Effective Opening Date: N.A.

There was no work on this project during the past period and it remains 95% complete with 76% of the contract time elapsed. The contractor has 42 working days of contract time remaining.

I 90-7(36) U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

Three men have been performing the Division Office checking of the final estimate and supporting data. Checking of this final is now approximately 14% complete.

M 7412(3)
River Dr. & 9th St. Livingston
Gr., G.S., P.M.S.
Length - 0.4 Miles
Contract Awarded: 10-4-78
Contract Amount: $202,557.00
Proceed Order Date: 10-25-78
Work Started: 10-30-78

Long Construction Co.
Billings, MT
William G. Shuyler, FPM
Phone: 222-1795 Livingston
Contract Time: 80 Working Days
Probable Completion Date: 7-30-79
Effective Opening Date:

Progress has been fair with the contractor employing three men and working six 8-hour shifts. During the past period seventy six feet of 48 in. C.S.P. was installed. One man is performing inspection duties on this project which is now 11% complete with 0% of the contract time elapsed. The contractor has 80 working days of contract time remaining.

Respectfully,

Richard J. Reiser RCH
Richard C. Holmes, PE, Supervisor
Division Construction Section-Bozeman

RCH:EJR:cj
cc: Bozeman Division Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
DECEMBER 2, 1978

Department of Highways
Helena, MT

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period November 21, 1978 thru December 2, 1978.

General

Weather has been overcast to clear with tempetures ranging from 0° to 40° with winds and heavy snow causing shut down to most construction projects.

PRE-CONSTRUCTION

RF 25(2) - Gt. Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 3, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Unknown

No work during this reporting period. Design remains 46% complete.

F 60-2(3) - Great Falls East
F 64(15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Design II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 1979

2 men worked 18 days preparing design for P.I.H. Design is 52% complete.

F 3-1(1)
Fairfield E. &. W.
Design

R. Fransen, Designer II
Great Falls, Phone - 452-2361
Prob. Comp. Date: Oct. 31, 1979

EAST SECTION, 4.9 MILES
1 man worked 7 days preparing plan-profile linens. Design is 3% complete.

F 9-1(1)
F 238 (13) Bowmans' Corner-Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 miles - Design work on this portion will begin in the near future. Design is 0% complete. Probable completion date December 1979.
MIDDLE SECTION - 5.4 miles - No work during this reporting period. Design remains 7% complete, with probable completion date March 1979.
NORTH SECTION - 3.8 miles - Design work on this portion will begin in the near future. Probable completion date December 1979.

RS 228-2(3)
RS 348(18) - 5 miles south of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc., Contractor
P.O. Box 339
Plains, Montana 59859
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: April 15, 1979

Progress has been poor. Minor Operations only. Contractor engaged in erecting fence. Subcontractor Swan & Sons to begin seeding 11-6-78 and suspended same 11-8-78 because of snow and cold. Structures are complete. The project as a whole is 99% complete with 99% of the contract time elapsed. Construction lay-out is 99% complete with an 8 man engineering crew engaged in layout and inspection.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 289 U-5 Cascade N. & S.
Cascade County
Surfacing
Length: 15.3 miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started:

Hilde Construction Company, Contractor
P.O. Box 2287
Great Falls, MT 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date:
Effective Opening date:

To date the Preconstruction Conference has not been scheduled.

BRF 9-2(3)63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98
Work Started: Sept. 13, 1977

Frontier West, Inc. Contractor
P.O. Box 8242
Missoula, MT 59801
Don Harrison - Mgr. F.P.U.
Chouteau
Comp. Time: 130 Working Days
Comp. Date: Oct. 16, 1978
Effective Opening Date: Aug. 4, 1978

Project completed 10-16-78. Final Estimate and Supporting data submitted to Division for checking on 11-2-78, will be forwarded to Helena on or about 1-2-79.

ER 72(26)
Teton River - Flood Damage Repair
Chouteau County
Contract Awarded: Aug. 25, 1978
Amount of Contract: $93,383.40
Work Started: Oct. 10, 1978

General Construction, Contractor
P.O. Box 2589, Butte, MT 59701
Glen Enderson, Mgr. F.P.U.
Fort Benton - Phone # 622-5502
Comp. Time: 30 Working Days
Prob. Comp. Date: Dec. 15, 1978
Effective Opening Date:

Progress has been poor. Contractor hauling & stockpiling riprap at project site. Began placing filter cloth November 28, however, show and winds have halted this operation. If weather will allow project can be completed in about 10 working days. Items and percent complete are: Uncl. Exc. 90%, Riprap 14% and filter cloth 5%. The project as a whole is 45% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a two man engineering crew assigned engaged in other assignments.

F 80-1(1)5
Fort Benton - So. - Geraldine - Ft. Benton
Chouteau
9.5 miles - Pl. Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $523,710.83
Work Started: June 22, 1978

Meyer Construction Company
P.O. Box 1417, Billings MT 59101
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Prob. Comp. Date: Dec. 15, 1978
Effective opening date: Sept. 22, 1978

All roadway work was completed Nov. 8, 1978. Installation of flashing signal remains, which has been delayed due to non arrival of materials. Subcontractor, Cascade Electric anticipates shipment during week of Dec. 4, 1978. If weather will permit installation can be completed in 3t working days. Project as a whole is 99% complete with 89% of contract time elapsed. Layout is 100% with a one man engineering crew assigned engaged in other assignments.

HHS 24-4(2) 127
Mont. 200 at Int. Mt. 21, and U.S. 89
Intersection Improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00
Work Started: April 11, 1978

Kraus Construction Co., Contractor
P.O. Box 923, Great Falls, MT
Walt Smith - Mgr. F.P. U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: Nov. 1, 1978
Effective opening date: Aug. 2, 1978

Project 100% completed on Nov. 1, 1978 with 100% of contract time used. Two man engineering crew compiling final estimate, supporting data and other assignments.

TQS 228-1(3)0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 19, 1977
Contract Amount: $1,087,497.70
Work Started: Sept. 19, 1977

Hilde Construction Co., Contractor
P.O. Box 2283, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls, Phone #453-2573
Prob. Comp. Date: April 30, 1978
Effective Opening Date: July 21,1978

Progress has been none. Highwinds, snow cover and freezing temperatures have prevented seeding and fertilizing. Very heavy rainfall in September has caused a slide to develop right of Sta. 656. The contractor has been directed to

construct a counter balance in this area. Contractor anticipates beginning this work as soon as weather permits. The project as a whole is 96% complete with 66% of the contract time elapsed. Construction layout is 99% complete with engr. crew assigned, engaged in compiling supporting data and other assignments.

RS 228-2(4)40
Fort Benton - South
Chouteau County
4.3 miles - G. GS. Pl. Mix Bit. Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Construction Co., Contractor
P.O. Box 3589, Butte, MT 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days
Prob. Comp. Date: July 1, 1979
Effective opening date:

Progress has been poor. Subcontractor Baltrusch worked 2 days crushing and stockpiling 1" Pl. Mix Aggregate. Contractor hauling and stockpiling riprap to various locations throughout project. Placement will begin when weather permits. Items and percent complete remain the same. Project as a whole is 61% complete with 71% of contract time elapsed. Layout is 95% complete with a 12 man engineering crew engaged in inspection, layout and testing.

RS 330-1(3)31
Cascade East - Cascade - Ulm
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62
Work Started: July 18, 1978

Meyer Construction Co., Contractor
P.O. Box 1417, Billings MT 59101
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 74 Working Days
Comp. Date: Sept. 9, 1978
Effective opening date: Sept. 1, 1978

Project completed Sept. 9, 1978. Two man engineering crew compiling final estimate and supporting data, anticipate submittal to Div. Office Dec. 1, 1978.

M 5201(5) U-2
Structure on 6th
Cascade County
506 Feet in Length
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Const. Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: April 15, 1979

No work during this reporting period due to snow and cold. The project remains 96% complete with a 4 man engineering crew engaged in other assignments.

MBRM 5210(4) U-1
Structure on 1st Ave. N. - Gt. Falls
Cascade County
962 Ft. in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Construction Co., Contractor
P.O. Box 2467
Great Falls, MT 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone 453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Sept. 1980
Effective opening date:

Department of Highways December 2, 1978

Progress has been fair. Due to weather condition contractor worked only 4 days during this reporting period. Pier No. 2 - is 50% in place, Pier No. 3 - is 50% in place, Pier 4 - footing is 50% and Pier 5 has cofferdam in place. The river has iced up and caused 2 cofferdams to flood. Items and percent complete are "AD" conc. 5%, Remove structure 1%, Shoring and cribs 22%, Str. Exc. II 13% and Resteel 2%. The project as a whole is 7% complete with 9% of the contract time elapsed. Construction layout is 30% complete with a 4 man engineering crew engaged in testing, inspection, layout and other assignments.

RRP 4139(51)
Railroad Grade Crossing, 38th St. Gt. Falls
Cascade County
Contract Awarded: Aug. 25, 1978
Contract Amount: $107,811.36
Work Started:

Kraus Contracting Company, Contractor
P.O. Box 923, Great Falls, MT
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time; 30 Working Days
Prob. Comp. Date: May 15, 1979
Effective opening date:

Progress has been none. Contractor intends to resume crushing and stockpiling of aggregates and grading operations if weather will permit. Project as a whole is 0% complete with 27% of contract time elapsed. Construction layout is 75% complete with a 3 man engineering crew engaged in layout, testing and other assignments.

RS 000S(59)
Secondary Signing
Cascade County
Contract Awarded: March 31, 1978
Contract Amount: $9,918.00
Work Started: Sept. 19, 1978

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: Oct. 18, 1978

Project completed Oct. 18, 1978, using 100% of contract time provided. Final estimate and supporting data submitted to Division office on Nov. 9, 1978, and will be forwarded to Helena office on or about Dec. 5, 1978.

for Marlin Brashney E.O.
James T. Sullivan - P.E. - Supvr.
Division Construction Section

JTS/MRB/kc

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

December 1, 1978

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending December 1, 1978.

G E N E R A L

The weather for the past reporting period has been fair with some light snow and high winds. The temperatures ranged from a -10° to a $+45^{o}$.

P R E C O N S T R U C T I O N

HH- 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F10-2 (1) Big Sandy-North
10.1 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

Preliminary engineering began on Monday 11/27/78. A five man engineering crew has been locating and establishing control points at the beginning of the project. Eighteen mandays have been used to date.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer 1
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS- 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer 1
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.00 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this period as the engineering crew is working on other projects. Reducing notes and plotting cross sections are 75% complete. The cross sectioning is 93% complete. Centerline, levels, check levels, and utility topography are 100% complete. The general topography is 75% complete and section ties are 15% complete. The location survey as a whole is 70% complete with 194 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey this past reporting period. The items remain as previously reported.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

RS-IQS-464-1 (01) Browning-Babb
5.9 miles Glacier Co.
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

Aerial photos and supporting data was received from the Havre Division on 11/22/78. A four to five man engineering crew worked 3 days locating and flagging control points.

CONSTRUCTION

I 15-8 (21) 354
Shelby - Oilmont Jct.
14.6 miles - Toole County
Grade, Aggr. Surf., Pl. Mix
Bit. Surf., and Structures
Contract Not Let

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

Marias River Electric
All work is complete with the exception of one pole which will be moved at a later date.
Northern Telephone
There has been no work by the telephone company and the work remains 90% complete. Five men are staking centerline and right of way.

ROS 4144 (52) Unit 14
East & West of Chinook
Bridge End Treatment
Contract Not Let

Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180

No work on this project. This project is scheduled to be let on December 7, 1978.

HHS 1-3 (1) 223, Browning - East - West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(safety correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work Started: 4/24/78

Evenson, Inc.
Chouteau, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Completion Date: 9/26/78

One man worked 7 mandays checking final supporting data which is 85% complete.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. agg. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The notes that were returned to the field office for review and clarification, were received back in the division office on 11/21/78. One man worked one day checking notes. Checking final estimate and notes remains 80% complete.Estimated submittal date is 12/22/78.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf., & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand and Gravel Construction Co.
Billings, Montana
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Completion Date: 9/22/78
Effective Opening Date: 9/1/78

One to two men are working on the final which is approximately 95% complete. The estimated date of submittal to the division office is December 14, 1978.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Completion Date: 8/4/78
Effective Opening Date: 8/3/78

A two to five man engineering crew is working on the final estimate which is 85% complete, R/W monumentation, and other projects.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Completion Date: 9/29/78
Effective Opening Date: 9/15/78

One to three men worked 8 days on the final estimate and supporting data. Checking final supporting data is 20% complete.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 mi. Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,243.01
Work Not Started

Rehbein Contracting, Inc.
P. O. Box 339
Plains, Montana 59859
Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 120 working days
Probable Completion Date: 10/30/79

Project is under winter shutdown, A one to six man engineering crew worked 9 days compiling notes needed for construction which are 81% complete. Construction layout as a whole is 96% complete.

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf.
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 6/1/79
Effective Opening Date:

Construction is under a winter shutdown. The sidewalks, signing, floodgate, and unclassified excavation are the largest items remaining to be completed. All surfacing operations as a whole are 98% complete. The project as a whole is 90% complete with 94% of the contract time elapsed. The engineering crew is assigned to other projects.

RRP 4139 (55) State Wide
0.0 miles - Various Counties
Protective Markings on various
R.R. highway crossings
Contract Let: 5/25/78
Contract Amount: $382,865.10
Work Started: 9/17/78 - Havre Division

Pacemaker Industries, Inc.
Spokane, Washington
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Completion Date: 10/24/78

The final estimate and supporting data was received in the Division office on 11/29/78. One man started checking notes on 11/30/78. The final estimate and supporting data will be submitted to the Construction Bureau approximately December 8, 1978. This constitutes a final entry in this report.

PMS 4140 (52) Units 6 & 7
Various Cities in N. Central Montana
(Intersection Pavement Markings)
0.0 miles
Cascade, Glacier, Toole & Hill Counties
Contract Let: 2/23/78
Contract Amount: $130,357.75

Northern Rockies Construction Co.
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Completion Date: Unit 7 -- 8/28/78

The final estimate and supporting data has been checked and was forwarded to the Construction Bureau on 11/30/78. This constitutes a final entry in this report.

M5708 (2) Unit 1
5th Avenue and 14th Street - Havre
(Securing & Delivery of Signal Materials)
0.0 miles - Hill County
Contract Let: 3/30/78
Contract Amount: $10,737.00
Work Started: 6/16/78

Western Sign Corporation
Great Falls, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: August 1, 1978
Probable Completion Date: 12/30/78

All materials, with the exception of the pedestrian push buttons, have been delivered to the State Highway Shop at Havre. The project as a whole is 99% complete.

M5708 (2) Unit 2
City of Havre
(Install Traffic Control Devices)
0.0 miles - Hill County
Contract Let: 8/7/78
Contract Amount: $18,046.60
Work Started: 9/26/78

Western Sign Corporation
Great Falls, Montana
Albert M. Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 30 working days
Probable Completion Date: 12/30/78

One man worked 1 day on notes and supporting data. No work by the contractor due to lack of materials caused by strikes. The project as a whole remains 43% complete with 23% of the contract time elapsed.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E. - Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
November 30, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending November 28, 1978.

GENERAL

Progress throughout the Division has been slow. Weather ranged from fair and mild to cold and snow with temperatures ranging from plus 5 degrees to plus 40 degrees.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1979

No time was spent on field work this past period. Minor work remains on tying section corners. A total of 913.5 mandays were used on location work and it remains 99% complete. On design five mandays were used drawing irrigation waste pickup ditches and placing quantities on summary sheets. Design is 35% complete with 155 mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Comp. Date - June 1, 1979

A five to six man engineering crew worked 48 mandays this period. Two mandays were spent checking topography; eight mandays were spent plotting plan to station 190+00; three mandays were spent plotting centerline profile; thirty-five mandays were spent cross sectioning at bridge location station 366+74. Flyline established and B.M. established remain 95% complete; centerline run remains 87% complete; cross sections are 72% complete; topography is 56% complete; bridge situations are 40% complete; plan plotted is 31% complete, profile plotted is 44% complete and field notes checked are 30% complete. A total of 1,207 mandays have been worked on the project making it 82% complete.

F-25-1(1), CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 1, 1979

Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. Map sheets have been returned to the Division Office for placing centerline and cross sections wanted. To date eleven mandays have been used on placing centerline, placing cross section limits and picking cross sections stations. Maps were returned August 2, 1978 for further processing by the Photogrammetric Unit. Eight mandays used this past period on drainage recommendations. To date 242.5 mandays have been spent on field work on this project.

PROGRESS REPORT

PRECONSTRUCTION

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design) - Aug. 30, 1980

No work on this project during the past period. Design will be completed as soon as comments on P.I.H. Report are received. Design remains 68% complete with 9½ mandays used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1979

Design of this project remains 11% complete with 25 mandays used to date.

S-252-1(1), CIRCLE NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Dec. 29, 1978

A one to two man engineering crew worked eight mandays this period completing and checking Land Corner Recordation Sheets. Flyline established, centerline run, B.M.'s, cross sections, topography, profile plotted are 100% complete; section ties are 97% complete; plan plotted and bridge situations are 99% complete; drainage recommendations are 90% complete. A total of 972 mandays have been worked on the project making it 97% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - November 30, 1978

During the past period one to two men used 8½ mandays on adjusting traverse for closure and computing and checking bearings and coordinates for additional section corners and existing roadway reference ties. Horizontal control is 95% complete with elevations being 100% complete. A total of 359½ mandays have been used to date.

CONSTRUCTION

I-IC-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade Agg. Surf., Plant Mix Surf.
Signing and Structures
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976
Contract Awarded - March 31, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
H.D. Kelly, Fld. Proj. Mgr.-Rdwy.
C.H. Neiffer, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Comp. Date - August 7, 1978
Effective Opening Date - July 27, 1978

The contract was completed on August 7, 1978, using 279 working days or 100% of the contract time. One engineer working on final estimate. Final estimate is 100% complete on all projects. Checking in the Division Office is 95% complete.

PROGRESS REPORT CONSTRUCTION

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. No work on final estimate this past period. Final estimate remains approximately 98% complete.

I-94-6(29)226 UNIT 1
GLENDIVE WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Vic Scheuffele, Field Proj. Mgr.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Completion Date - May 16, 1978
Effective Opening Date - N/A

Contract was completed on May 16, 1978 using 151 working days or 87% of the contract time. One engineer working part time on final estimate. Final estimate is 94% complete with checking in the Division Office being 25% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1979
Effective Opening Date - N/A

Progress this past period has been poor. The bridge crew for McIntyre Const. Co. & S. Birch, Inc. worked four 8-hour shifts employing one to four men. Work consisted of removing curb and end post forms, and began removing the bottom portion of the deck slab forms and backfilled west bridge end of the westbound lane structure. No progress on bridge work items this period. The bridge portion of this contract remains at 84% complete. A winter shutdown order was issued on November 16, 1978 as per Article 08-06B of the Standard Specifications for Road & Bridge Construction, 1976 edition. The project as a whole is 84% complete with 155 working days used or 97.5% of the contract time elapsed. Construction layout with two men employed is estimated to be 80% complete.

IR-94-6(32)216, GLENDIVE-EAST
Length - 16.9 Miles
Plant Mix Bitum. Surf. Overlay With Seal
Cover & Reflective Cracking Fabric
Contract Awarded - August 25, 1978
Amount of Contract - $1,429,388.08
Work Not Yet Started

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Robert A. Passow, Field Project Mngr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Prob. Comp. Date - July 27, 1979
Effective Openign Date - N/A

A four to six man engineering crew worked 37 mandays this period. Thirty-two mandays were spent locating and referencing control point to station 1290+83.3 and running centerline to station 1020+00. Five mandays were spent measuring in place guardrail. The project is on winter shutdown.

I-94-7(13)244, YATES ACCESS ROAD
Length - 2.2 Miles
Grade and Gravel
Contract Awarded - August 7, 1978
Amount of Contract - $130,470.18
Work Started - September 7, 1978

Swan & Sons Constr., Inc.
Box 111, Rte. 1, Anaconda, MT 59711
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 60 Working Days
Prob. Comp. Date - April 1, 1979
Effective Openign Date - N/A

No progress this past period due to inclement weather. One 8-hour shift was worked employing four men preparing project for winter shutdown and all construction activities suspended on November 17, 1978. Quantities to date are; salvaging and replacing topsoil, unclassified excavation, unclassified excavation borrow and drainage items are all 100% complete. Fencing items and 1½" CBS remain 90% and 99% complete respectively. Construction layout with one engineer and two inspectors remains 97% complete. Project as a whole remains 85% complete with 48 working days or 80% of the project time elapsed.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - April 1, 1979
Effective Opening Date - N/A

Project as awhole is 100% complete with the exception of the gravel pit reclamation which will be accomplished at a later date. Eighty-seven working days used or 96% of the contract time elapsed. Final estimate is 100% complete and has been checked in the Division Office.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Agg. Surf., Plant Mix Bitum.
Base Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - Nov. 17, 1978
Effective Opening Date - July 28, 1978

Progress this past week was poor. Contractor worked two 9-hour shifts employing three men. Work consisted of placing topsoil in gravel pit area. Seeding will be completed in the spring due to snow and weather conditions. The contract is 99.5% complete with 115 working days used or 96% of the contract time elapsed. Two engineers working part time this past period. Final estimate is 97% complete.

RS-394(3), WEBSTER WEST
Length - 10.036 Miles
Grade, Agg. Surf., & Prestressed Con. Girder Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch, Inc.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - April 1, 1978
Effective Opening Date - June 12, 1978

Project roadway was completed on June 12, 1978 and preliminary acceptance of the project was made on June 27, 1978. Final acceptance is dependent on final pit reclamation. Final estimate is 100% complete and has been checked by the Divison Office.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor -
Division Construction Section

BR:JMB:tap

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
December 1, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending December 1, 1978.

GENERAL

Winter weather has been prevalent the past period with numerous snow showers and cold temperatures. Six to ten inches of snow is on the ground. Progress on road and bridge construction has been fair to good. The temperatures ranged from a low of minus 17 degrees to a high of 37 degrees.

PRECONSTRUCTION

F 1-8(3)490, Saco Flats-Flood
Approximately 2 Miles in Length
Authorized--06-08-78

Robert M. Hanson, Designer III
Wolf Point, Montana
653-1050
Design Started--08-31-78
Est. Compl. Date--11-24-78

Three man days were used on design for a total of 17 man days to date. Design is approximately 90% complete and proposed plans submitted to Helena 11-29-78.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--01-15-79
Design Started--09-01-78
Est. Compl. Date (PIH)--04-15-79

Resumed work on survey on November 16 after shutdown of construction activities. Four man crew worked 7 days this past period on line change in the area of Highway 5 intersection east to Westby. The fly line inspected and approved by Division Engineer, Vernon D. Borden on November 27. Percentages complete on the 10.1 mile survey, exclusive of the line change are as follows: Centerline, Bench Levels, Profile, Profile Plotted, Section ties, Topography, and Cross sections 100%, Drainage 75%. The project as a whole is 96% complete with 1074 man days used to date. Because of line change the estimated date of completion is changed to January 15, 1979. Division office personnel used 6 man days on design for a total of 36 man days used to date. Design is 6% complete.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--12-15-78

Centerline, bench levels, topography and cross sections are 100% complete. Section ties are 75% complete. Eighteen man days were used this past period on bridge situations and checking notes. The survey as a whole is 94% complete with 510 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77
Location Survey Resumed--12-05-77
Location Survey Suspended--02-01-78

George L. Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--03-15-79

No work this past period. Percentages on the survey are as follows: Centerline and bench levels 100% complete; topography 60% complete; section ties 40% complete; cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to date. Survey suspended, crew transferred to other projects.

F 62-1(01), Missouri River Bridge-South of Culbertson
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-15-79

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

CONSTRUCTION

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
9.0 Miles in Length
Plant mix overlay, seal & cover
Contract Let--09-20-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--04-27-78
Bid Price--$537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
Act. Compl. Date--08-10-78
Effective Opening Date--08-10-78

All items are 100% complete and final notes were submitted to the Division office on 08-25-78. Final is being held in the Division office pending approval of change order for gravel sources.

F-TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541, & F 42-3(2)75, Glasgow-West
6.3 Miles in Length
Grading, aggregate surfacing, plant mix base and surfacing, storm sewers, signing, two 114.0' concrete slab bridges, seal & cover
Contract Let--08-24-78
Contract Awarded--August 25, 1978
Proceed Order Dated--September 15, 1978
Work Started--September 26, 1978
Amount of Contract--$3,256,676

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--180
Prob. Compl. Date--06-80
Effective Opening Date--

All utility relocation work is complete except for Montana Power relocating luminaires. No work was performed by the prime contractor this past period. The engineering layout percentages are: slope staking 100%, centerline 100%, bench levels 100%, referencing of points 90%, and storm sewer layout 25%. Layout as a whole is 34% complete. The sub-contractor, Sletten Construction Co., has made good progress this past period. At the Cherry Creek overflow site, all piling items are complete and concrete has been placed for all footings and the end bent backwalls. Work is in progress forming columns. 55% of the sub-structure concrete on this structure has been placed. At the Cherry Creek site, all piling items are complete and work is in progress forming the footings. Percentages complete for the structures are: Structure excavation 100%, Piling items 100%, AD Concrete 27%. The structures as a whole are 23% complete. Two inspectors are assigned to this phase of the work. The project as a whole is 4% complete with 18% of the contract time used to date. A total of eight engineering employees are assinged to this project.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let--07-27-78
Contract Awarded--08-07-78
Proceed Order Date--08-28-78
Work Started--08-17-78
Bid Price--$924,348.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--100
Prob. Compl. Date--07-01-79
Effective Opening Date--

No progress. The project shut down for the season because of adverse weather conditions on November 9, 1978. Items and percent complete remain as follows: Crack sealing 100%, crushing and stockpiling aggregates 100%, Grade "C" plant mix surfacing 62%. The centerline stripping sub-contractor has been notified to apply temporary stripping and he plans to move in on the project shortly. The project as a whole is 44% complete with 49 days or 49% of the contract time elapsed. The construction layout is 90% complete with a 5 man engineering crew assigned to the project.

F-FLH 25-2(2)47 & HHS 1-9(7)565
S.E. Section of the Circle-Wolf Point Road & Frazer West
12.6 Miles in Length
Grading, aggregate surfacing plant mix
Bituminous surfacing, signing, lighting
traffic signals & a 71.25' prestressed concrete girder bridge
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--12-01-78
Effective Opening Date--09-18-78

Bridge rail remains to be completed. Project is 99% complete with 84% of the contract time elapsed. One to six engineering personnel are engaged on the project.

F 32-2(1), Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal & cover
Contract Let--11-17-77
Contract Awarded--12-15-77
Proceed Order Date--04-17-78
Work Started--05-18-78
Bid Price--$65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
Dale Devore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--45
Prob. Compl. Date--04-30-79
Effective Opening Date--06-20-78

No work in progress. The project is complete except for minor cleanup and seeding. A total of 35 working days has been used to date or 78% of the contract time. The project is 97% complete. No personnel have been assigned to the project this past period.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let--06-22-78
Contract Awarded--06-23-78
Proceed Order Date--07-14-78
Work Started--10-23-78
Bid Price--$1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovick, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--150
Prob. Compl. Date--08-01-79
Effective Opening Date--

Progress was good up to winter shut down on November 20, 1978. Uncl. exc. remains at 35,000 cu. yds. or 22% complete. 5,000 cu. yds. of uncl. borr. exc. was moved for a total to date of 25,000 cu. yds. or 19% complete. C.S.P. installations are 30% complete. 1,000 cu. yds. of topsoil was removed for a total to date of 20,000 cu. yds. or 17% complete. Fencing remains at 30 rods or 2% complete. Sixteen contractor employees worked two - 9 hour shifts. Project is 6% complete with 52% of the contract time elapsed. One to six engineering personnel are engaged on the project.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Act. Compl. Date--11-16-78
Effective Opening Date--08-21-78

Three men on fencing and concrete crew resumed work on the project on November 15, 1978 and completed all work on November 16, 1978. The project is 100% complete with 154 days or 84% of the contract time elapsed. A five man engineering crew is assigned to the project checking final quantities in conjunction with field work on a pre-construction project. Estimated date of submittal of final quantities to the Division office is March 15, 1979.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8 (12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07--7-77
Work Started--06-30-77
Bid Price--$669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
Working Days--110
Prob. Compl. Date--04-30-79
Effective Opening Date--08-04-78

All items are 100% complete with the exception of seeding and fertilizing thegravel pit. The project as a whole is 99% complete with 91% of the contract time elapsed. Final notes were submitted to the Division office on 09-27-78 and returned on 10-03-78. No personnel presently assigned to the project.

TQS 250-1(2)37, Wolf Point N & E Loop
(North Section) 6.0 Miles in Length
Aggregate surfacing and plant mix bituminous base
Contract Let--08-11-77
Contract Awarded--08-15-77
Proceed Order Date--09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Act. Compl. Date--08-17-78
Effective Opening Date--08-17-78

Project is 100% complete with 42% of the contract time elapsed. Final support-data was turned into the Division office on 11-08-78. Checking by Division office personnel is 100% complete. Final estimate submitted to Helena 11-28-78 This will be the last report.

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:cc
cc: Field Projects Managers
Don Williams
Leroy Anderson
File

Div.--5

DEPARTMENT OF HIGHWAYS
Billings, Montana

December 1, 1978

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending December 1, 1978.

GENERAL

Temperatures ranging from -10 to +40 degrees prevailed with 11 inches of precipitation received during the reporting period. Progress on construction projects was only fair during most of the period due to heavy snowcover.

PRECONSTRUCTION

I 90-9(33)516
Lodge Grass No.-No. Section
9.1 Miles-Big Horn County
Staking Authorized 11-16-78
Letting Scheduled 2-22-79

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666

No man days were expended this period. Running of centerline and slope staking are 95% complete. R/W line is 75% complete.

I 90-9(54)525
Lodge Grass No.-So. Section
5.9 Miles-Big Horn County
Staking Authorized 11-16-78
Letting Scheduled 3-29-79

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666

Twenty man days were expended this period re-tracing centerline and setting curve control points.

FI-90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 12-29-78

Work on this survey will begin when personnel are available.

F 4-1(2)26 Bridger - Fromberg
Length 7.6 Miles
Design Received 5-26-78
Design Started 7-12-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-31-81

One man worked on this project during the past reporting period, checking cross section field notes. The cross section field note book has been submitted to Helena for key punch groundline control. Design work is 2% complete and the estimated completion date is October 31, 1981.

F 23-1(2)1 Miles City South-North Section
5.435 Miles Design Work
Design Started 11-20-78

James M. Young, Designer II
Billings, Montana
Probable Completion Date 4-15-80

One man worked on this project during the past reporting period, checking the field cross section notes. The cross section notes have been submitted to Helena for key punching for groundline control. Hydraulics information and other data has been requested. Design work is 1% complete and the estimated completion date is April 15, 1980.

M 1020(1) 1st Ave. North
Billings-Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75
Work Started 1-3-78

Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Probable Completion Date 3-1-79

No personnel were assigned to the project this period and the survey remains 52% complete with 315 man days expended.

RS 416-1(1) Billings-South
8.2 Miles
Designer Started 2-14-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-29-79

Three employees worked on this project during the past reporting period, checking cross sections and designing several line projections for review by the pre-Plan in Hand inspection. Design work is 19% complete and the estimated completion date is June 29, 1979.

AR 9562 Pryor Creek Bridge on
Old U. S. 87
Length 0.4 Miles
Survey Authorized 10-17-78
Work Started 11-13-78

Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-78

Began work on the subject project November 13, 1978. The area is covered with approximately one foot of snow. As of the end of the shift November 24, 1978, thirty-nine man days have been used. The centerline, B.M.'s, topography and stream course have been completed. The project is 30% complete.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 25% complete and the estimated completion date is April 1, 1982.

RS 308-1(4)9 Belfry - West
Length 5.4 Miles
Survey Authorized 8-25-78
Work Not Started

Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Probable Completion Date 5-1-79

Work on this survey will begin when personnel are available.

DP 384-2(1)41 Sarpy Creek Road (Center Section)
5.047 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 7-20-79

Two employees worked on this project during the past reporting period, plotting templates on the cross sections and revising the earthwork data processing computation runs. Design work is 12% complete and the estimated completion date is July 20, 1979.

DP 37-1(1)8 Crow Agency-Busby Center Section
8.812 Miles Design Work
Design Started 2-28-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-30-79

Two men worked on both sections of this project during the past reporting period. Contour maps and Mylars have been submitted to Helena for cross section and Mylar plan and profile sheet printing. Plans and cross sections on the Tullock Bridge location have also been submitted for printing of Plan in Hand prints. Design work on the main project is 8% complete and 49% complete on the Tullock Creek Bridge section. The estimated completion for the Tullock Bridge location is March 30, 1979.

ERFO 463-1(2)078 Soap Creek Flood Repair
0.1 Miles in Big Horn County
Contract Let 11-1-78
Award Date 11-1-79
Proceed Order Date Unknown

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666

No man days were expended on this project to date pending receipt of the order to proceed.

DP 314-1(1) Decker-Wyoming Line
Length 3.8 Miles
Survey Authorized 5-8-78
Work Started 8-30-78

Raymond Schaak, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3666
Probable Completion Date 1-15-79

No work was done on the survey during this period. The survey is 5% complete and has been suspended until personnel are available to continue the work.

I 90-8(80)439 - Mossmain Weigh Station Revision
0.1 Miles, Revise
Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract $146,396.55
Proceed Order Date 10-25-77
Work Started 6-2-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Completion Date 8-1-78
Effective Opening Date: N/A

All work on the project has been completed on August 1, 1978, and the Certificate of Completion was sent in on August 11, 1978. One man has worked approximately one partial shift in the office checking final quantities, and data for the final estimate which should be in the Division office on approximately December 15, 1978.

IR 90-8(82)396 Columbus E. & W.
13.1 Miles
Pl. Mix Bit. Seal
Stillwater County
Contract Awarded 5-31-78
Amount of Contract $846,632.70
Proceed Order Date 6-21-78
Work Started 8-21-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 70 Working Days
Completion Date 10-8-78
Effective Opening Date: N/A

The project was completed October 8, 1978, and accepted October 12, 1978. Upon completion of EWO's 1 and 2 there will be one day remaining of the contract time; thus, 99% of the contract time being used. One person was assigned to the project computing final estimate quantities. We are waiting for approval of EWO's 1 and 2 by the Helena office. Upon approval the final estimate will be submitted.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East and West
5.9 Miles-Grading, Agg. Surf., Pl. Mix, Bit Surf.
117.25' Structure
Contract Awarded 12-15-77
Amount of Contract $1,848,510.69
Proceed Order Date 4-17-78
Work Started 2-9-78

Earth Builders, Inc., Bismarck, N.D.
John Miner, F.P.M.-Roadway
Donald Taylor, F.P.M.-Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date 8-1-79
Effective Opening Date:

The contractor did not work on this project this reporting period and does not plan to resume operation until weather permits in the spring of 1979. The sub-contractor, COP Construction Company, worked six 8-hour and one 4-hour shifts and employed six men. Forms were removed and the concrete was finished for the span 3 deck slab and diaphragms at Station 57+14.61. The structure is 83% complete and structure layout is 85% complete. Four employees are assigned to the project for inspection, structure layout and documentation. Percentage complete of various items are as follows: Grading 98%, Drainage 93%, Signing 0%, Surfacing 54%, Fencing 51%, Structure 83%, Project as a whole 73%. 122 of the allotted 168 Working Days have now been used making 73% of the contract time elapsed. Seven employees are presently assigned to these projects. Construction layout remains at 79% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded 2-28-77
Amount of Contract $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Donald Taylor, Fld. Project Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Completion Date 10-28-78
Effective Opening Date: N/A

The project is complete. Work is being done on the final estimate. The project as a whole is 100% complete with 193 working days or 92% of the contract time elapsed. Construction staking is 100% complete and computations are 99% complete. Eleven man days have been charged to the project during this newsletter period.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs and Signals
Contract Awarded 10-20-76
Contract Amount $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Company
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Completion Date 6-10-78
Effective Opening Date: N/A

The final quantities are 50% checked in the Division office and will be submitted to Helena by December 15, 1978.

RS TQS 308-1(3)0 Red Lodge-E. (2nd Section)
4.4 Miles
Grade, Drain, Agg. Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded 5-31-78
Amount of Contract $1,159,537.03
Proceed Order Date 6-21-78
Work Started 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 9-15-79
Effective Opening Date:

Wickens Brothers did not work during this period because of snow and cold weather. The following are construction items and their percent completed: Grading 97%, Surfacing 20%, Drainage 82%, Fencing 86%, Seeding 32%. A ten man engineering crew has been working on construction layout and computing quantities. Construction layout is 71% complete. The project is 61% complete with 54% of the contract time elapsed.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf., Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Completion Date 10-13-78
Effective Opening Date: 10-15-77

The project was completed October 13, 1978. The final estimate and supporting data was submitted to the Division office on November 22, 1978.

RS TQS 384-1(2)19 Hardin-Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf. and PMBB
Big Horn and Treasure Counties
Contract Awarded 5-31-78
Amount of Contract $2,507,018.45
Proceed Order Date 6-21-78
Work Started 7-18-78

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date 8-1-79
Effective Opening Date:

Progress this reporting period has been fair. The contractor is under a winter shut-down, effective November 16, 1978. Work in progress this reporting period consisted of grading, drainage and surfacing. Grading was done from Station 1175+48.4 to Station 1233+90.4 and shut-down for the winter on November 21, 1978. Culverts were installed at Station 1439+64.6 and Station 1466+12. The contractor is crushing and stockpiling 1-1/2" Base Course. Approximately 30,000 tons have been crushed and stockpiled. The contractor worked a total of sixteen 9-hour shifts with fifty-five men employed. The Miscellaneous items remain 27% complete. Grading items are 59% complete. Drainage items are 84% complete. Surfacing items remain 6% complete. Fencing items are 71% complete. The project as a whole is 39% complete with ninety-two working days of the 201 allowed having been used, or 46% of the contract time elapsed. Two men were assigned to grading inspection. One man was assigned to drainage inspection. One man is assigned to the office. Three men are assigned to surfacing inspection. One five man survey crew worked eight days this reporting period staking signs and setting control points for gravel bluetops. Subgrade has been bluetopped from Station 1310+00 to Station 1646+75.6 for a total of 55% complete. Engineering layout is 72% complete.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Contract Awarded 6-6-77
Amount of Contract $818,564.06
Proceed Order Date 6-27-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Manager
Custer, Montana
Phone No. 635-4651
Contract Time: 120 Working Days
Completion Date 10-27-78
Effective Opening Date: 11-15-77

The contract has been completed. Three men are working up final quantities. The supporting notes should be submitted to the Division office by January 1, 1979.

HHS 1022(1) 1st Ave. No. & No. 13th St.-Billings
Modify Existing Signals
0.0 Miles
Yellowstone County
Contract Awarded 6-23-78
Amount of Contract $3,296.00
Proceed Order Date 7-14-78
Work Started 11-4-78

Midland Electric Company
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 5 Working Days
Completion Date 11-4-78
Effective Opening Date: N/A

The final quantities are checked and awaiting transportation to Helena. This will be the final report.

HHS 16-1(1)0 Cerise Rd.-Billings
0.8 Miles
Grade, Agg. Surf. and Drain
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $182,726.60
Proceed Order Date 6-21-78
Work Started 7-11-78

Barry O'Leary, Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date 5-1-79
Effective Opening Date:

No work was done on the project the past two weeks. All major items remain the same as previously reported. The contractor has been directed to place hazard markers on the left side of the road behind Wong Village, with a barricade and "Road Closed" sign on the south side of the railroad tracks on Steffes Road. The project as a whole is 87% complete with 100% plus of the contract and extension time elapsed. There are six men assigned to the project on the inspection and related office work.

PMS 4140(52) Unit 2, 5, 9, 10 and 12
Pavement Markings at Various Intersections in Billings, Sidney, Glendive, Baker, Circle, Lewistown, Miles City, Lame Deer, Malta, Poplar, Wolf Point, Saco & Culbertson
Contract Awarded 3-31-78
Amount of Contract $174,420.36
Proceed Order Date 4-21-78
Work Started 5-22-78

Pacemaker Industries, Inc.
Spokane, Washington
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 120 Working Days
Completion Date 8-25-78
Effective Opening Date: N/A

All work on the project was completed on August 25, 1978, and the Certificate of Completion sent in on August 28, 1978. The final quantities are 98% checked in the Division office. Estimated submittal date to Helena is December 15, 1978.

TQF 9010(24) 27th Street-Billings
0.2 Miles
Street Reconstruction & Traffic Control Devices
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $195,926.50
Proceed Order Date 6-21-78
Work Started 7-10-78

COP Construction Co.
Billings, Montana
Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 60 Working Days
Probable Completion Date 5-30-79
Effective Opening Date: N/A

The contractor has done no work on the project since the last reporting period. All items on the project are 100% complete, with the exception of signing items and plastic striping which cannot be completed until the weather becomes suitable in the spring. Contract time elapsed is fifty-five working days, or 92% to date. Two additional working days have been awarded for change orders and extra work orders, leaving a total of seven working days remaining. The contractor is presently on a winter shut-down. The project as a whole is approximately 95% complete.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK:JBR:er

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
December 1, 1978

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending December 1, 1978, for Division 5230 - Miles City, Montana.

GENERAL

Mostly cloudy skies and below normal temperatures prevailed during the period. 2" to 4" of snow were received throughout the division. Temperatures ranged from -19° to 47°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978
Survey Suspended: June 2, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 30, 1978

No work was performed on this project during the period. To date, centerline and levels have been run and section ties made on 6.9 miles or 100% complete. Topography has been taken on 6.6 miles or 95% complete. Cross sections have been taken on 4.4 miles or 64% complete. Plan has been plotted on 6.2 miles or 90% complete. 372 man-days have been used. The survey as a whole is 75% complete.

F 23-2 (3) 80 - Bridges
Southeast of Broadus
Length - Approx. 1.0 Mile
Survey Started: November 20, 1978

D. F. Borer, Fld. Proj. Mngr.
Prob. Compl. Date: Feb. 15, 1979

Field Project Manager, Delmer F. Borer, and crew began work on this project November 20, 1978. Work in progress since that date has consisted of running centerline and levels, establishing bench marks and taking cross sections on 1.1 miles or 100% complete. 36 man-days have been used to date. The survey as a whole, with a five-man engineering crew engaged, is 40% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Design Started: November 21, 1977
Length - 6.4 Miles

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: July 1, 1979

Work in progress during the past period consisted of working on additional excavation quantities and drainage items. 14 man-days were used during the period, making a total of 112 man-days. Design as a whole is 30% complete.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (1) 26 - Boyes-South
Length - Approx. 7.9 Miles
Survey Started: November 17, 1975

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: Dec. 31, 1978

No work was performed on this project during the past period. To date, centerline and levels have been run, bench marks established, and cross sections taken on 7.9 miles or 100% complete. Topography has been taken on 6.0 miles or 76% complete. 253 man-days have been used. The survey as a whole, with a five-man engineering crew engaged is 80% complete.

DP 566-1 (1) - Tongue River Bridge
and Approaches S.W. of Birney
Length - 0.5 Mile
Design Started: June 20, 1978

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Jan. 27, 1979

No work was performed on this project during the past period. The plan-in-hand and public hearing have been scheduled for December 12, 1978, in Birney, Montana. Design remains 50% complete with 49 man-days used.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 29, 1978

No work was performed on this location survey during the past period. To date, centerline and levels have been run, cross sections and topography taken, section ties made, drainage areas run, field notes checked, plan and profile plotted on 1.14 miles or 100% complete. 136 man-days have been used. The survey as a whole is 98% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel . No. 232-1093
Prob. Compl. Date: Dec. 29, 1978

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted on 0.5 mile or 50% complete. Field notes have been checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, and 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mi. Grade., Gravel Surf.
Pl. Mix Surf., Sign., and 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr. (Roadway)
W. D. Dane, Fld. Proj. Mngr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: April 15, 1979
Effective Opening Date: Oct. 4, 1977

All items are completed with the exception of shrubs and trees. The establishing period for these items is September 1, 1978. Shrub replacement remains to be completed. The contract as a whole is 99% complete with 85% of the contract time elapsed. A one-man engineering crew is working on final data.

F-TQF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 90 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date: Oct. 10, 1978

No work was performed on this project during the past period. All major work has been completed with the exception of seal and cover which will be done during the 1979 construction season. The project as a whole is 93% complete with 97% of the contract time elapsed.

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip (South Section)
Length - 9.7 Miles Reshaping, Pl. Mix Overlay, Reflective Cracking Fabric, and Delineation
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $1,048,140.10
Work Started: May 8, 1978

R. J. Studer & Sons Co., Contractor
Billings, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 125 Working Days
Act. Compl. Date: Nov. 8, 1978
Effective Opening Date: Aug. 25, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions, November 8, 1978. Formal inspection and acceptance were made November 13, 1978. The final estimate, with a two-man engineering crew engaged, is currently 73% complete and will be submitted to the Division Office about December 29, 1978.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Prob. Compl. Date: July 1, 1979
Effective Opening Date:

Progress during the past period has been fair. Work in progress consists of crushing and stockpiling 3/4" crushed top surfacing & removing rock on the north end of the project. To date, 666,000 cubic yards of unclassified excavation have been moved or 85% complete. 89,232 tons of 1½" crushed base course have been placed or 26% complete. 5,240 lineal feet of k.C.P. Culvert have been placed or 83% complete, and 3,724 rods of fence have been installed or 82% complete. The contractor worked five 9-hour shifts with 18 men employed. The project as a whole is 47% complete with 57% of the contract time elapsed. Construction layout, with a six-man engineering crew engaged, is 76% complete.

F-TQF-DP 39-1 (5) 44 U-2 - Colstrip to I-94
(North Section)
Two 17.5' and one 11.5' Timber & Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Started: August 10, 1978

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W. D. Dane, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 60 Working Days
Prob. Compl. Date: Jan. 15, 1979
Effective Opening Date:

Progress during the past period has been fair. Work in progress consisted of removing deck forms at Station 1610+75. Caps and stringers have been set with deck forming in progress at Station 1555+42. The contractor worked five 8-hour shifts during the past period with an average of 3 men employed. The project as a whole is 65% complete with 93% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 95% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977
Effective Opening Date: July 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 95% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf., & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Act. Compl. Date: May 25, 1978
Effective Opening Date: Nov. 9, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, May 25, 1978. Formal inspection and acceptance were made May 25, 1978. The final estimate was submitted to the Division Office June 1, 1978, and is currently 90% complete.

RS 000S (61) - Signing Secondary Routes
(Powder River County)
Contract Let: July 27, 1978
Proceed Order: September 27, 1978
Amount of Contract: $10,576.80
Work Started: September 27, 1978

One Way Sign Company, Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 25 Working Days
Act. Compl. Date: Oct. 18, 1978
Effective Opening Date: N/A

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 18, 1978. Formal inspection and acceptance were made October 18, 1978. The final estimate is 75% complete and will be submitted to the Division Office about December 15, 1978.

SOS 38 (3) - Belle Creek Road
Powder River County
Gravel Surface 12.5 Miles
Contract Approved: October 5, 1978
Estimated Cost: $101,000.00
Work Started: November 28, 1978

Powder River County, Contractor
Broadus, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 15, 1979
Effective Opening Date:

Powder River County began work on this project November 28, 1978. Work in progress since that date has consisted of placing gravel on 0.5 mile making this item 4% complete. The contractor worked three 8-hour shifts with 6 men employed. The project as a whole is 2% complete. Construction layout, with a one-man engineering crew engaged, is 10% complete.

SOS 44 (3) U-1 - Hammond Valley Road
(Rosebud County)
Install Dbl. 12'-10" x 8'4" Pipe Arch
Contract Let: August 21, 1978
Amount of Contract: $61,920.00
Work Started: October 11, 1978

Flynn Co., Inc., Contractor
Billings, Montana
C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Compl. Date: Dec. 1, 1978
Prob. Compl. Date: Dec. 15, 1978
Effective Opening Date:

Progress during the past period has been poor. The contractor worked seven 8-hour shifts with five men employed. 5 cubic yards of Class "DD" Concrete were placed on the inlet end of the multi-plate pipe for head walls. Ice jams in the Yellowstone River have caused water to back up into the work area. Work now in progress consists of raising the detour approximately three feet and pumping water from the work area. Work completed to date consists of removal of existing structure, construction of a detour, hauling and placing 500 cubic yards of bedding material, and hauling and stockpiling 50 cubic yards of rip-rap. The project as a whole is 48% complete, with 99% of the contract time elapsed . Construction layout, with a one-man engineering crew engaged, is 60% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:rjs

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

DECEMBER 1, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of November 18, 1978 through December 1, 1978.

GENERAL

The temperature varied from 36°F above to 15°F below zero with 0.68 inches of precipitation recorded. Roads are in good winter travel condition.

PRECONSTRUCTION

RF 14-2 (01)75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: DESIGN - Tracing Plan and Profile Template on cross-sections are 100% complete. The design as a whole is 20% complete with 68 man-days expended to date. The design has temporarily been suspended pending alignment study and Hydraulics recommendations.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete with 304 man-days expended to date. The design has temporarily been suspended pending Hydraulics recommendations.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project during the past reporting period. A Plan-In-Hand meeting was held in the Division Office and on the project on September 6, 1978 in order to resolve the Historical District impact problems and Alignment choice. To date 606 man-days have been expended on the location survey.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Completed:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2 (2) 33 Stanford East and West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Suspended: 4/6/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished this reporting period. Centerline established, Bench Marks established and Check Levels run are 100% complete. Topography taken is 95% complete. Cross-sections taken are 59% complete, Plan plotted is 38% complete; Profile plotted is 57%, drainage and bridge surveys are 10% complete and Field notes checked are 57% complete. A total of 826 man-days have been expended and the survey as a whole is 58% complete.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished in the field this reporting period. Section Ties remain 33% complete. The survey as a whole is about 85% complete with a total of 555 man-days expended to date.

DESIGN: Tracing plan and profile linens remain 80% complete. Preliminary grades are 90% complete. Two man-days were used laying preliminary grades for 100% complete. The design as a whole is 15% complete with 31 man-days expended to date.

RS 000S (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

Plan-In-Hand was held September 28, 1978. The County has elected to erect the signs on this Project.

RS 000S (68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S (69) Judith Basin County
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this Project to date.

M 7106 (3) Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/6/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978.

M 7106 (1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held September 18, 1978.

M 7103 (1) Airport Road - Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/6/76
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

Mitch J. Miller
Designer III
Lewistown, Montana

All location and supporting data was submitted to the Division Design Section on June 16, 1978. Plotting and inking cross-sections, inking plan and profile linens are all 100% complete. Nine man-days were expended drawing and computing summaries and designing miscellaneous items for 20% complete. The design as a whole is 30% complete with 18 man-days expended to date.

RS 245-1 (1) 6 Miles Northwest-Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01) 9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No field work was performed this reporting period. Five man-days were expended this reporting period establishing Land Ownerships and preparing R/W 72 Forms. All R/W 72 Forms for permission to survey were mailed to respective owners as of November 28, 1978. A total of seventeen man-days have been expended to date.

S 238-1 (01) 0 Lewistown-South
Approximate Length: 2.7 Miles
Survey Authorized: 11/2/77
Survey Started: 4/13/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 25, 1978. The completed design was submitted to Helena for P.I.H. prints August 18, 1978. The P.I.H. was held September 7, 1978. Seven man-days were used making P.I.H. changes for 89% complete. The design as a whole is 76% complete with 88 man-days expended to date.

RS 294-1(02) 12 Lennep East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished on the survey this reporting period. Items and percentages of completion are as follows: centerline 100% complete; bench marks 100% complete; cross sections 100% complete; ownerships 100% complete; drainage areas 80% complete; bridge situation 80% complete and topography 100% complete. All other items are 0% complete. The overall survey is 80% complete with 500 man-days expended to date.

F 14-4 (2) 125 Pipe Failure - Ryegate
120" Diam. Pipe Failure near Ryegate
Approximate Length: none
Survey Authorized: 12/6/77

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the project the past reporting period. Forty-six man-days have been expended to date on the location survey.

F 57-5(1) 171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: November 20, 1978
Survey Started:

Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611

Survey work has not started on this project due to weather and other project commitments.

F 14-4 (01) 129 Ryegate-East
Approximate Length: 12.1 Miles (original)
Survey Authorized: March 17, 1972
Survey Started: May 17, 1973

Bruce Barrett
Field Project Manager
Harlowton, Montana
No Phone

Forty-nine man-days were expended the past reporting period completing centerline on the line change and cross-sectioning. Items and percentages of completion are as follows: centerline 100% complete; bench marks 100% complete; section ties 80% complete and cross-sections taken 60% complete. The overall line change is 70% complete with 81 man-days expended to date.

ER 72 (21) Melstone - Mosby
F 57-4 (4) 158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 60 Working Days
Probable Completion Date: 4/20/79
Effective Opening Date: Does Not Apply

Progress the past reporting period has been fair. Work consisted of placing 881 Cu. Yds. of Class 3 Random Riprap making a total to date of 1400 Cu. Yds. or 60% complete. Rock hauling units are hauling riprap from rock quarry source located eight miles east of Musselshell River bridge. Contractor worked seven 10-hour shifts with eleven men employed. Installation of Class 2 Random Riprap is 38% complete. Contract items are complete except for placing riprap, filter cloth and seeding operations. The project as a whole is 73% complete with 91% of the contract working days elapsed. Construction layout is 100% complete with a three man engineering crew assigned for project inspection and supervision.

F 57-3 (4) 112 Grass Range-East
Plant Mix Overlay
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Contract Amount: $510,846.15
Work Started: 8/21/78

R.J. Studer & Sons
Billings, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Compl. Date: 6/1/79
Effective Opening Date: Does Not Apply

No work was done on the project during the past reporting period. The contractor is on a seasonal shutdown of of November 3, 1978. All work is completed on the project except the seal coat and related items which will be applied in the spring when weather permits. The project as a whole is 87% complete with 84% of the contract time elapsed. A three-man engineering crew is assigned to the project.

F-TQF 57-4 (3)130 Winnett-East & West
Grade, Aggregate Surf., Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Awarded: 8/25/78
Contract Amount: $1,738,387.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Contract Time: 180 Working Days
Probable Compl. Date: 11/15/79
Effective Opening Date:

Field construction work has been shut down for winter. Gravel crusher and supporting units are set up in BLM gravel pit located 1¼ Miles North of Station 38+00. Present plans are to crush and stockpile 1½" Type "A" Base Course. Contractor worked two 9 hour shifts this week with eight men employed. Contract

items remain as follows: unclassified excavation 33% complete, small drainage structures 35% complete and farm fence 88% complete. The project as a whole is 16% complete with 18% of the contract working days expended. Construction layout is 95% complete with a five-man engineering crew assigned to the project.

Respectfully submitted,

R.W. Freeman, P.E., Supervisor
Division Construction Section

RWF:JHP:den

cc: Field Project Managers
Design Section
File

RRP 4139(55)
Statewide Railroad Crossings
Pavement Markings & Signs
Contract Awarded 5/31/78
Amount of Contract $382,865.10
Proceed Order Dated June 21, 1978
Work Started July 17, 1978

Pacemaker Industries
Spokane, Washington
R. E. Ewing, Construction Inspector
Helena, MT
Telephone 449-2488
Contract Time: 90 Days
Completion Date: November 28, 1978

The plastice pavement markings and the W 10-1 advance railroad warning signs are complete in all divisions. The flasher for the Foyes Lake railroad crossing at Kalispell was completed November 28, 1978, which completes the statewide plastic pavement project.

The project was a whole is 100% complete with 63 calendar days expended or 70% of contract time elapsed.

Robert E. Ewing
Construction Inspector

SRS 4148(50) U-2
Procurement & Statewide Delivery of
Hospital Access Signing Materials
Contract Awarded: October 4, 1978
Amount of Contract: $25,543.76
Proceed Date: October 25, 1978

Western Sign Corporation
Great Falls, Montana
Bob Crants, Construction Inspector
Phone No. 449-2488
Contract Time: 90 Calendar Days
Work Began: October 18, 1978

The contractor has delivered the sign posts and mounting hardware to various Highway Divisions and is currently screening legends onto sign panels. It is anticipated this will be complete about January 31, 1979.

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
NOVEMBER 27, 1978

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

RECEIVED
NOV 2 1978
CONSTRUCTION BUREAU

NOVEMBER 27, 1978

Project	Location	Length	Type Work	Percent Time Used	% Work Complated and Estimated Completion Date	Contractor and Contract Amount
NRA 1(4)	Big Horn Canyon Ntl Recreation Area " " " " " "	1.793	Grading, Surfacing Bridge	50%	50%	Sletten Const. Co. $1,643,416.65
FLH 7-1(2)	Thompson Pass	12.069	Grading, Surfacing Bridge	29%	27%	Wickens Bros. $2,652,354.00
FH 59-2(6) & F-TQF 28-2(3)68	Beartooth Highway	5.119	Grading, Surfacing Bridge	7% Winter Suspend 11/8/78	0% Spring 1980	Hilde Const. Co. $2,794,257.50
OMAD 18-1	Minuteman Missile Roads	51.800	Gravel Surfacing	47% Winter Suspend	11% 1/10/79	Wickens Bros. $642,940.00
FDR-4724, 25, 26	Miller Creek	13.644	Grading, Aggragate Surfacing	59%	41%	L. M. Johnson Inc. $1,579,018.50
ERFO 71(16) FDR 4541	Kootenai NF		Storm Damage Repairs at 22 Sites	32%	28% Aug 79	Christenson Const. Co. $144,175